

*Yours*

**CUDWORTH**  
**URBAN DISTRICT COUNCIL.**

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**REPORT**  
OF THE  
**MEDICAL OFFICER**  
FOR THE  
**YEAR 1907.**

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CUDWORTH :

WALTER NEALE, Printer & Stationer, Barnsley Road,  
1908.



# Cudworth Urban District Council.

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## ANNUAL REPORT

OF THE

### MEDICAL OFFICER OF HEALTH,

*For the Year 1907.*

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Ashley House,

Cudworth;

March, 1908.

To the Chairman and Members of the Cudworth Urban  
District Council.

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GENTLEMEN,

I have pleasure in submitting for your consideration my Report on the Health and Sanitary Condition of your district for the Year ending December 31st, 1907.

#### GENERAL REMARKS.

The Population at General Census, 1901—3,415.

Estimated „ „ end of year 1901—3,800.

„ „ „ „ „ „ 1902—4,200.

„ „ „ „ „ „ 1903—4,400.

„ „ „ „ „ „ 1904—4,670.

„ „ „ „ „ „ 1905—5,000.

„ „ „ „ „ „ 1906—5,250.

„ „ „ „ „ „ 1907—5,465.

## BUILDINGS ERECTED AND CERTIFIED IN 1907,

Dwelling Houses	...	...	43
Alterations	...	...	5
New Elementary Schools	...	...	1
The Star Inn	...	...	1
			—
			50

## BUILDINGS ERECTED AND CERTIFIED.

In 1903	...	...	Total, 72
„ 1904	...	...	„ 72
„ 1905	...	...	„ 16
„ 1906	...	...	„ 48
„ 1907	...	...	„ 50

The number of inhabited Dwelling-houses at Cudworth on the 31st December, 1907, was 1,093. Taking the average number of persons per house to be 5, we may estimate the population at 5,465.

The average per house in Yorkshire at last Census (1901) was 4·7.

TABLE I.

## SUMMARY OF VITAL STATISTICS AT A GLANCE.

Area of C. U. D.	...	1,615 acres	3 roods	15 poles	
Population at last Census	...	...	...	3,415	
No. of Inhabited Houses at last Census	...	...	...	683	
No. of Houses inhabited Dec. 31st, 1907	...	...	...	1,093	
No. of Houses completed and certified in 1907	...	...	...	43	
No. of Nuisances abated in 1907 by notices and verbally	...	...	...	...	17
Deaths during 1907	...	...	...	...	106
Death Rate per 1,000	...	...	...	...	19·39
Births registered in 1907	...	...	...	...	204
Birth Rate per 1,000	...	...	...	...	37·32

## Infantile Mortality per 1,000 births :—

Under one year ... ... ...	7·86
Between one and two ... ...	3·65
Zymotic Death Rate, <i>i.e.</i> , from the seven principal Zymotic Diseases ... ... ...	4·39
In Kendray Hospital, from Enteric Fever and Scarlet Fever ... ... ...	0·36
Total Notifications of Infectious Diseases ...	52
Phthisis (Consumption) Death Rate ... ...	0·73
Death Rate of "Bronchitis, Pneumonia, Pleurisy, and other Respiratory Diseases" Group ...	4·20

The industries remain as before—collieries, stone quarries, and brickyards.

The Rainfall for the year was 24 inches, as compared with 18·3 inches in 1906, the least being in February and September, and the most in October (3·68 inches).

## BIRTHS.

During the year there were registered 204 Births in the district, 97 Males and 107 Females, equivalent to a rate of 37·32, or 6·48 lower than in 1906.

*As to Months* :—Most were in May and October (23 each), and least in March (10).

*As to Sex* :—97 Males and 107 Females. Out of these 6 were illegitimate, *i.e.*, 3 less than in 1906.

Birth Rate in 1901—44·70 per 1,000 population.

„ 1902—38·33	„ „ „
„ 1903—38·40	„ „ „
„ 1904—38·96	„ „ „
„ 1905—40·53	„ „ „
„ 1906—43·80	„ „ „
„ 1907—37·32	„ „ „

TABLE II.

Year.	Males.	Females.	Total Males & Females.
1901	77	72	149
1902	82	79	161
1903	80	89	169
1904	93	85	178
1905	102	94	196
1906	115	104	219
1907	97	107	204

TABLE III.  
BIRTH RATE.

Year.	Male.	Female.
1901	23·10	21·60
1902	19·52	18·80
1903	18·18	20·22
1904	19·90	18·20
1905	21·09	20·47
1906	23·00	20·80
1907	17·74	19·58

## DEATHS.

The number of Deaths registered as occurring in the district is 106. As will be seen later, the greater number of these were children under 2 years of age.

There were also 7 cases presided over by the Coroner, who certified them.

TABLE IV.

Year.	Death Rate.
1901	21·60
1902	16·19
1903	12·50
1904	11·52
1905	14·89
1906	12·80
1907	19·39

The greatest number of Deaths occurred in January and November (13 each), and the least in July (5).

## AS TO MORTALITY AT GROUPS OF AGES.

TABLE V.

43	died under 1 year of age.
29	„ between 1 and 5 years.
4	„ „ 5 „ 15 „
4	„ „ 15 „ 25 „
15	„ „ 25 „ 65 „
11	„ over 65 years of age.

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106 (46 Males and 60 Females).

## THE CAUSES OF DEATH

were as follow :—Bronchitis, 12 ; Pulmonary Tuberculosis, 3 ; Lobar Pneumonia, 4 ; Broncho-Pneumonia, 4 ; Cardiac Disease, 3 ; Measles, 19 ; Whooping Cough, 3 ; Parturition, 3 ; Tubercular Meningitis, 1 ; Acute Cerebral Meningitis, 1 ; Accidents, 5 ; Uterine Disease, 1 ; Cerebral Apoplexy, 2 ; Acute Peritonitis, 1 ; Enteric Fever, 1 ; Diarrhoea, 5 ; Dentition, 5 ; Convulsions, 4 ; Premature Birth, 2 ; Feeble Vitality from Birth, 4 ; Marasmus, 2 ; Morbilli, 1 ; Strangulated Umbilical Hernia, 1 ; Inanition, 1 ; Asthenia, 1 ; Irregular Feeding, 1 ; Senectus, 6 ; Cancer, 2 ; Erysipelas, 1 ; Hip Joint Disease, 1 ; Gastro Enteritis, 1 ; Gastritis, 1 ; Eclampsia, 1 ; Kidney Disease, 1 ; Enteritis, 2 .

## CORRECTED DEATH RATE.

Subtracting those dying in the district, but not belonging to it (3), and adding those dying out, but belonging to it (7), we have the real Death Rate—20·12.

The excess of Births over Deaths is 204—110 : 94.

## INFANTILE DEATH RATE.

Under one year the deaths were 43, 16 in excess of 1906.

This yields a Death Rate of 210 per 1,000 births, and is about equivalent to one death in every 4·76 births.

TABLE VI.

## CAUSES OF DEATH.

Bronchitis	...	...	...	...	6
Broncho Pneumonia	...	...	...	...	2
Measles	...	...	...	...	3
Whooping Cough	...	...	...	...	1
Morbilli	...	...	...	...	1
Accidents	...	...	...	...	2
Enteritis	...	...	...	...	1
Gastritis	...	...	...	...	1
Gastro Enteritis	...	...	...	...	1
Convulsions	...	...	...	...	4
Marasmus	...	...	...	...	1
Feeble Vitality from Birth	...	...	...	...	4
Dentition	...	...	...	...	5
Diarrhoea	...	...	...	...	5
Premature Birth	...	...	...	...	2
Asthenia	...	...	...	...	1
Irregular Feeding	...	...	...	...	1
Inanition	...	...	...	...	1
Strangulated Umbilical Hernia	...	...	...	...	1

TABLE VII.

CAUSES OF DEATHS.		All Ages.	Under 1 Year.	1 and under 5	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.
Phthisis Pulmonalis	...	3	...	...	...	3	...	...
Other Diseases of Respiratory Organs	...	20	8	7	...	...	4	1
Marasmus	...	2	1	1	...	...	...	...
Cardiac Diseases	...	3	...	...	...	...	2	1
Cerebral Apoplexy	...	2	...	...	...	...	...	2
Carcinoma	...	2	...	...	...	...	2	...
Erysipelas	...	1	...	...	...	...	...	1
Whooping Cough	...	3	1	2	...	...	...	...
Measles	...	19	4	15	...	...	...	...
Enteric Fever	...	1	...	...	...	...	1	...
Acute Cerebral Meningitis	...	1	...	1	...	...	...	...
Tubercular Meningitis	...	1	...	...	1	...	...	...
Acute Peritonitis	...	1	...	...	1	...	...	...
Kidney Disease	...	1	...	...	...	...	1	...
Enteritis	...	2	1	1	...	...	...	...
Diarrhoea	...	5	4	...	1	...	...	...
Strangulated Umbilical Hernia (Operation)	...	1	1	...	...	...	...	...
Uterine Haemorrhage	...	1	...	...	...	...	1	...
Eclampsia	...	1	...	...	1	...	...	...
Gastritis	...	1	1	...	...	...	...	...
Gastro Enteritis	...	1	1	...	...	...	...	...
Parturition	...	3	...	...	...	1	2	...
Hip Joint Disease	...	1	...	1	...	...	...	...
Morbilli	...	1	1	...	...	...	...	...
Inanition	...	1	1	...	...	...	...	...
Asthœnia	...	1	1	...	...	...	...	...
Irregular Feeding	...	1	1	...	...	...	...	...
Convulsions	...	4	4	...	...	...	...	...
Feeble Vitality from Birth	...	4	4	...	...	...	...	...
Premature Birth	...	2	2	...	...	...	...	...
Dentition	...	5	5	...	...	...	...	...
Senile Decay	...	6	...	...	...	...	...	6
Accidents	...	5	2	1	...	...	2	...
All Causes	...	106	43	29	4	4	15	11
	*	1	...	...	...	...	1	...
	†	1	...	1	..	...	...	...
	‡	5	...	1	...	2	2	2

\* Death from Enteric Fever in Kendray Hospital.

† Death from Scarlet Fever in Kendray Hospital.

‡ Deaths in Union Workhouse and Beckett Hospital.

## ZYMOTIC DISEASES.

Notifications :—52 cases recorded, as against 59 in 1906.

TABLE VIII.

Cases of Infectious Disease notified during 1907 :—

NOTIFIABLE DISEASES.			At all Ages.	Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.	Cases removed to Kendray or Lunn Wood,
Scarlet Fever ...	...	...	27	...	14	11	2	...	4	*23
Erysipelas ..	...	...	18	1	1	4	1	7	...	...
Enteric Fever...	...	...	7	...	1	4	...	2	...	*3
Puerperal Fever	...	...	...	...	...	...	...	...	...	...
Diphtheria ...	...	...	...	...	...	...	...	...	...	...
Smallpox ...	...	...	...	...	...	...	...	...	...	...
			52	1	16	19	3	9	4	*26

\*Denotes Kendray Hospital.

## WHOOPING COUGH.

Very prevalent during the year, caused two deaths, and interfered greatly with school attendance.

## ERYSIPELAS.

18 cases were notified, being the same number as in 1906, one terminating fatally.

## DIPHTHERIA.

Not a single case was met with.

## SMALLPOX.

Fortunately again no case was met with.

## SCARLET FEVER.

During the year we had 27 cases, *i.e.*, 2 less than last year. 23 cases were removed to Kendray Hospital, all recovering but one.

## ENTERIC OR TYPHOID FEVER.

Seven cases of this disease were notified, three of which were removed to Kendray—one dying in that Institution. Of the other four, which were isolated at home, three ultimately recovered.

## MEASLES.

In the latter part of September many cases of Measles were met with daily, becoming epidemic early in October. This necessitated the closing of the schools for a period of one month, but at the expiration of this time, the epidemic not having sufficiently abated, the period was further extended to November 18th. There were 19 deaths (3·47 per 1,000). Measles, although so highly contagious, is in itself not a dangerous disease, unless complications, such as bronchitis, pneumonia, or diarrhoea arise, through not taking sufficient precaution during the period of convalescence. This epidemic, with its complications, has greatly increased our death-rate, as elsewhere in the West Riding; otherwise, it would have compared favourably with past years.

A special Report on this outbreak was forwarded to the Local Government Board on November 22nd, 1907.

From experience, I am of opinion, that unless more stringent measures are adopted in many homes, closing the schools will not check the spread of an epidemic of measles.

## SANITARY MATTERS.

### *Schools.*

Before being re-opened in November, they were thoroughly disinfected.

On inspection, I have found the sanitary arrangements satisfactory.

*Disinfection.*

34 houses were disinfected with Formic Aldehyde after Scarlet and Enteric Fevers, and Erysipelas. Five houses were found filthy, and underwent the same treatment.

*Character of House Accommodation.*

One case of overcrowding was met with on January 10th, and was promptly dealt with.

*Nuisances.*

Notices (10 official and 7 verbal) were given to abate them, all of which were complied with.

10	Blocked Drains.
20	„ Gullies.
1	„ Manhole.
2	Chamber Inspections.

*Drainage and Sewerage.*

The temporary sewerage scheme adopted is still giving every satisfaction.

During the year, considerable alterations and improvements have been effected with relation to the drainage of properties. Cesspools have been abolished, and all house and other drains that were connected with the old sewers, have been disconnected (except one in Wheatshaw Lane, about which I gave a special report to the Sanitary Committee on August 14th, suggesting an inexpensive scheme, which would remedy the condition), and made to discharge into the new main sewers; and all private drains have been trapped off from the mains, and ventilated.

*Scavenging.*

This is still done by contract, and has been done more efficiently during the past year. The Sanitary Inspector gives this department special attention, but he has to work at somewhat of a disadvantage, not having an efficient Refuse Tip, or a Destructor, which would be even more beneficial to the health of the township, I am again compelled to allude to the method of disposal of the night-soil in fields near main roads, particularly in Snydale Road, the paper not being burnt as suggested, but blowing about the roads and hedges instead.

*Slaughter-Houses.*

Periodical inspections were made, and all found in a satisfactory state, no single instance of food unfit for human consumption having been met with.

During the past few years pig-keeping has become a great hobby in the district. I like everyone to have a hobby, but when the ultimate end of that hobby creates a nuisance (such as pig-killing in back yards, several cases of such having been reported to me during the year), there is no justice in forcing slaughter-houses to be licensed. In future, I should like to see all pigs slaughtered in slaughter-houses.

#### FACTORY AND WORKSHOPS ACT, 1901.

We have about 22 workshops on the register, consisting of Bakehouses, Millinery, Dressmakers, Boot-Repairing, Joiners, Plumbers, Blacksmiths, Watch-Repairing, Cycle-Repairing, Stocking-Making, etc. These are all in good Sanitary Order.

#### DAIRIES, COWSHEDS, AND MILKSHOPS ORDER.

The number of Cowkeepers and Purveyors of Milk is the same as in 1906.

The Cowsheds were inspected in March, June, September, and December. Some were in excellent condition, but some were faulty owing to the buildings being structurally unfit for the purpose. Some of the foldyards attached are by no means what they should be. If a little more tidiness were insisted on here, it would be better both for the community at large, and the cattle.

*Finally.*—I again tender my thanks to the Sanitary Committee for the interest they have taken in all matters relating to the Health of the Township. Your Sanitary Inspector's Report is very satisfactory, and I am glad to say he always carries out my instructions willingly and promptly.

I am, Gentlemen,

Yours faithfully,

J. L. ELLIOTT,

*Medical Officer of Health.*

March, 1908.